

PHOTOGRAPHIC INTERPRETATION REPORT



**KH-7 MISSION 4036**  
**3-10 FEBRUARY 1967**

**PART II**

Declassification Review by NGA/DoD

[Redacted Box]

FEBRUARY 1967

COPY 195

61 PAGES

25X

[Redacted Box]

25X

GROUP 1 EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

25X1

Approved For Release 2005/11/17 : CIA-RDP03-00140R000100010049-8

Approved For Release 2005/11/17 : CIA-RDP03-00140R000100010049-8

KH-7 MISSION 4036, 3-10 FEB 67

TABLE OF CONTENTS

|                             |          |
|-----------------------------|----------|
| PREFACE                     | 2        |
| HIGHLIGHTS                  | 3        |
| MISSILES                    | 4        |
| AIR FACILITIES              | 30       |
| NUCLEAR ENERGY              | 37       |
| NAVAL ACTIVITY/PORTS        | 40       |
| BIOLOGICAL/CHEMICAL WARFARE | 42       |
| ELECTRONICS/COMMUNICATIONS  | 44       |
| MILITARY ACTIVITY           | 46       |
| COMPLEXES                   | 54       |
| ATTACHMENTS                 | APPENDIX |

KH-7 MISSION 4036, 3-10 FEB 67

PREFACE

THIS IS THE SECOND OF SEVERAL OAK REPORTS ON MISSION 4036 AND PROVIDES INFORMATION ON THE HIGHEST PRIORITY COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY. THE REMAINDER OF THE COMOR TARGETS COVERED ON THIS PHOTOGRAPHY WILL BE REPORTED IN A SERIES OF OAK SUPPLEMENTS.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES. COUNTRY CODE ABBREVIATIONS ARE PRINTED ON THE INSIDE OF THE BACK COVER PAGE.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS, SUFFIXED WITH A FOR ASCENDING AND D FOR DESCENDING, ARE LISTED FIRST, FOLLOWED BY FRAMES WHICH ARE INDICATED BY THE FRAME NUMBER WITH AN INDEX NUMBER RUNNING CONSECUTIVELY FROM THE BEGINNING OF EACH PASS -- 4/8 FOR EXAMPLE, MEANS FRAME 4, INDEX 8. UNIVERSAL REFERENCE GRID COORDINATES FOR NEW TARGETS ARE GIVEN IN PARENTHESIS AFTER THE INDEX NUMBER TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMI DARKNESS), D (DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION). ANY COLOR COVERAGE IS DESIGNATED BY THE LETTER C IMMEDIATELY FOLLOWING FRAME NUMBERS.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), PS (PARTIAL STEREO), OR NS (NON-STEREO).

THE INITIAL SCAN OF THE PHOTOGRAPHY IS ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

## **Highlights**

XH-7 MISSION 4036, 3-10 FEB 67

HIGHLIGHTS

NOTE -- COMMENCING WITH THIS MISSION, ICBM LAUNCH SITES WITHIN A COMPLETED, SINGLE-SILO LAUNCH GROUP WILL BE REPORTED COLLECTIVELY UNDER THEIR RESPECTIVE COMPLEX.

1. AT THE ALEYSK ICBM COMPLEX, USSR, LAUNCH SITES 19 AND 20 DISPLAY A DEVIATION FROM THE STANDARD TYPE IIIC SITE CONSTRUCTION TECHNIQUE IN THAT THE 30-35-FOOT DIAMETER SILO CORING IS DUG FROM GROUND LEVEL RATHER THAN FROM THE BOTTOM OF A U-SHAPED EXCAVATION. AT THIS TIME IT CANNOT BE DETERMINED WHETHER THIS TECHNIQUE INDICATES A CHANGE IN THE SOVIET ICBM PROGRAM OR IS AN ISOLATED CASE. NEWLY IDENTIFIED TYPE IIIC SITES AT KARTALY AND ZHANGIZ-TOBE, USSR, EXHIBIT THE NORMAL EXCAVATION TECHNIQUE.

2. MISSILES ARE IDENTIFIED ON LAUNCHERS AT LAUNCH SITES 3 AND 4, LAUNCH COMPLEX A, SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR. THESE MISSILES ARE LOCATED AT LAUNCH POSITIONS 2 AND 6, SITE 3, AND LAUNCH POSITION 1, SITE 4. CONFIGURATION CANNOT BE DETERMINED. A GALOSH MISSILE IS MOUNTED IN THE LAUNCHER/ERECTOR IN A HORIZONTAL ATTITUDE AT LAUNCH POSITION C-1, LAUNCH COMPLEX B.

STATUS OF COMOR TARGET READOUT

THIS OAK REPORTS ON 196 COMOR TARGETS.

YH-7 MISSION 4036, 3-10 FEB 67

MISSILES

YURYA ICBM COMPLEX

UR 5904N 04917E

THE COMPLEX IS NOT COVERED BY PHOTOGRAPHY. NO NEW MISSILE ACTIVITY OBSERVED IN PORTIONS OF THE SEARCH AREA COVERED.

YOSHKAR-OLA ICBM COMPLEX

UR 5633N 04801E

THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT, AND 5 OF THE 6 LAUNCH SITES ARE VISIBLE. NO NEW MISSILE-RELATED ACTIVITY IS OBSERVED IN PORTIONS OF THE SEARCH AREA COVERED BY PHOTOGRAPHY.

WHERE MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE PHRASE NO SIGNIFICANT ACTIVITY WILL APPEAR. IF THE TARGET IS AN INCOMPLETE LAUNCH SITE, THE CONSTRUCTION STATUS WILL BE REPORTED.

YOSHKAR-OLA ICBM LAUNCH SITE 1

UR 5635N 04809E

NO SIGNIFICANT ACTIVITY OBSERVED.

YOSHKAR-OLA ICBM LAUNCH SITE 2

UR 5634N 04817E

A POSSIBLE MISSILE IS IN FRONT OF THE RIGHT MISSILE-READY BUILDING.

YOSHKAR-OLA ICBM LAUNCH SITE 4

UR 5630N 04819E

A PROBABLE SS-7 MISSILE IS ERECTED ON THE RIGHT LAUNCH PAD.

KH-7 MISSION 4036, 3-10 FEB 67

YOSHKAR-OLA ICBM LAUNCH SITE 5

UR 5633N 04812E

NO SIGNIFICANT ACTIVITY OBSERVED.

YOSHKAR-OLA ICBM LAUNCH SITE 6

UR 5636N 04828E

A MISSILE IS IN THE HORIZONTAL POSITION ON THE RIGHT LAUNCH PAD.

SVOBODNYY ICBM COMPLEX

UR 5146N 12806E

SEVEN OF THE SS-7 MISSILE DEPLOYED SITES ARE OBSERVED, 6 OF WHICH ARE IDENTIFIED ONLY. THE IDENTIFICATION OF 2 ADDITIONAL TYPE IIID SITES AT THIS COMPLEX BRINGS THE TOTAL OF IIID SITES TO 40. OF THE 40 SITES, 11 WERE INTERPRETABLE AND 23 WERE IDENTIFIED ONLY. THE NEW SITES, DESIGNATED 55L AND 56L, COMPLETE LAUNCH GROUP L.

SITE 55L, AT 51-17N 127-47E, 33 NM SSW OF THE COMPLEX SUPPORT FACILITY, IS FIRST SEEN ON THIS MISSION, AND CAN BE NEGATED ON [REDACTED] SITE IS IN THE MID-STAGE OF CONSTRUCTION.

SITE 56L, AT 51-20N 127-43E, 30 NM SSW OF THE COMPLEX SUPPORT FACILITY, IS FIRST SEEN ON [REDACTED]

[REDACTED] AND CAN BE NEGATED ON [REDACTED] SITE IS IN THE MID-STAGE OF CONSTRUCTION.

CURRENTLY THERE ARE FOUR FULL GROUPS UNDER CONSTRUCTION AT THIS COMPLEX. NO OTHER NEW MISSILE FACILITIES OR MISSILE ACTIVITY ARE OBSERVED IN THE PORTION OF THE COMPLEX COVERED BY PHOTOGRAPHY.

WHERE MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE PHRASE NO SIGNIFICANT ACTIVITY WILL APPEAR. IF THE TARGET IS AN INCOMPLETE LAUNCH SITE, THE CONSTRUCTION STATUS WILL

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

BE REPORTED.

SVOBODNYY ICBM LAUNCH SITE 1

UR 5149N 12818E

IDENTIFICATION ONLY.

SVOBODNYY ICBM LAUNCH SITE 3

UR 5154N 12809E

IDENTIFICATION ONLY.

SVOBODNYY ICBM LAUNCH SITE 4

UR 5158N 12806E

IDENTIFICATION ONLY.

SVOBODNYY ICBM LAUNCH SITE 5

UR 5151N 12812E

IDENTIFICATION ONLY.

SVOBODNYY ICBM LAUNCH SITE 6

UR 5143N 12759E

IDENTIFICATION ONLY.

SVOBODNYY ICBM LAUNCH SITE 7

UR 5137N 12757E

IDENTIFICATION ONLY.

TOP SECRET

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

25X

25X

25X

SVOBODNYY ICBM LAUNCH SITE 8

UR 5202N 12805E

AN SS-7 MISSILE IS ERECTED ON THE LEFT PAD. NO OTHER  
ACTIVITY OBSERVED.

SVOBODNYY ICBM LAUNCH SITE 9 (K)

UR 5127N 12801E

IDENTIFICATION ONLY.

SVOBODNYY ICBM LAUNCH SITE 10 (I)

UR 5147N 12809E

IDENTIFICATION ONLY.

SVOBODNYY ICBM LAUNCH SITE 12 (I)

UR 5148N 12803E

IDENTIFICATION ONLY.

SVOBODNYY ICBM LAUNCH SITE 14 (I)

UR 5150N 12808E

IDENTIFICATION ONLY.

SVOBODNYY ICBM LAUNCH SITE 15 (I)

UR 5155N 12805E

IDENTIFICATION ONLY.

SVOBODNYY ICBM LAUNCH SITE 16 (I)

UR 5151N 12802E

IDENTIFICATION ONLY.

TOP SECRET

25X

25X

K1

Approved For Release 7005/15/17 CIA-RDP03-00140R000100010049-8

~~TOP SECRET~~

KH-7 MISSION 4036, 3-10 FEB 67

25X

25X

25X

SVOBODNYY ICBM LAUNCH SITE 17 (I)

UR 5154N 12759E

IDENTIFICATION ONLY.

K1

SVOBODNYY ICBM LAUNCH SITE 18 (J)

UR 5143N 12756E

IDENTIFICATION ONLY.

K1

SVOBODNYY ICBM LAUNCH SITE 19 (J)

UR 5146N 12800E

IDENTIFICATION ONLY.

K1

SVOBODNYY ICBM LAUNCH SITE 21 (I)

UR 5157N 12759E

IDENTIFICATION ONLY.

K1

SVOBODNYY ICBM LAUNCH SITE 22 (I)

UR 5159N 12802E

IDENTIFICATION ONLY.

K1

SVOBODNYY ICBM LAUNCH SITE 23 (I)

UR 5148N 12814E

IDENTIFICATION ONLY.

K1

SVOBODNYY ICBM LAUNCH SITE 24 (K)

UR 5130N 12758E

IDENTIFICATION ONLY.

K1

~~TOP SECRET~~

KH-7 MISSION 4036, 3-10 FEB 67

25X

25X

25X

SVOBODNYY ICBM LAUNCH SITE 25 (K)

UR 5127N 12756E

SITE IS NOW IN A LATE STAGE OF CONSTRUCTION. THE  
CONTROL FACILITY REMAINS UNDER CONSTRUCTION.

SVOBODNYY ICBM LAUNCH SITE 26 (K)

UR 5123N 12753E

IDENTIFICATION ONLY.

SVOBODNYY ICBM LAUNCH SITE 30 (K)

UR 5131N 12750E

IDENTIFICATION ONLY.

SVOBODNYY ICBM LAUNCH SITE 31 (J)

UR 5139N 12808E

IDENTIFICATION ONLY.

SVOBODNYY ICBM LAUNCH SITE 32 (J)

UR 5143N 12804E

IDENTIFICATION ONLY.

SVOBODNYY ICBM LAUNCH SITE 34 (K)

UR 5123N 12758E

IDENTIFICATION ONLY.

SVOBODNYY ICBM LAUNCH SITE 36 (K)

UR 5119N 12754E

IDENTIFICATION ONLY.

~~TOP SECRET~~

25X

25X

KH-7 MISSION 4036, 3-10 FEB 67

X1 SVOBODNY ICBM LAUNCH SITE 37 (K)

UR 5126N 12750E

IDENTIFICATION ONLY.

X1 SVOBODNY ICBM LAUNCH SITE 38 (J)

UR 5140N 12803E

IDENTIFICATION ONLY.

X1 SVOBODNY ICBM LAUNCH SITE 40 (L)

UR 5116N 12738E

SITE IS IN AN UNDETERMINED STAGE OF CONSTRUCTION AND  
CAN NOW BE CONFIRMED AS THE LAUNCH CONTROL SITE FOR THE  
L GROUP.

X1 SVOBODNY ICBM LAUNCH SITE 41 (L)

UR 5112N 12736E

SITE IS NOW IN THE MID-STAGE OF CONSTRUCTION.

X1 SVOBODNY ICBM LAUNCH SITE 42 (J)

UR 5140N 12751E

IDENTIFICATION ONLY.

X1 SVOBODNY ICBM LAUNCH SITE 45 (L)

UR 5120N 12748E

SITE IS IN THE MID-STAGE OF CONSTRUCTION.

X1 SVOBODNY ICBM LAUNCH SITE 49 (L)

UR 5122N 12737E

SITE CONSTRUCTION STATUS IS UNDETERMINED.

KH-7 MISSION 4036, 3-10 FEB 67

SVOBODNY ICBM LAUNCH SITE 50 (L) UR 5118N 12735E

SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION.

SVOBODNY ICBM LAUNCH SITE 51 (L) UR 5115N 12733E

SITE IS IN THE MID-STAGE OF CONSTRUCTION.

SVOBODNY ICBM LAUNCH SITE 52 (L) UR 5113N 12742E

SITE IS IN AN UNDETERMINED STAGE OF CONSTRUCTION.

SVOBODNY ICBM LAUNCH SITE 53 (J) UR 5137N 12803E

IDENTIFICATION ONLY.

SVOBODNY ICBM LAUNCH SITE 54 (L) UR 5123N 12745E

SITE IS IN AN UNDETERMINED STAGE OF CONSTRUCTION.

TYUMEN ICBM COMPLEX

UR 5652N 06551E

THE COMPLEX IS NOT COVERED. NO MISSILES OR  
MISSILE-RELATED FACILITIES OBSERVED IN PORTIONS OF THE  
SEARCH AREA COVERED BY PHOTOGRAPHY.

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

NOVOSIBIRSK ICBM COMPLEX

UR 5515N 08259E

THE ENTIRE COMPLEX AND PART OF THE SEARCH AREA ARE COVERED. NO NEW MISSILE ACTIVITY OBSERVED IN PORTIONS OF THE SEARCH AREA COVERED BY PHOTOGRAPHY.

WHERE MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE PHRASE NO SIGNIFICANT ACTIVITY WILL APPEAR. IF THE TARGET IS AN INCOMPLETE LAUNCH SITE, THE CONSTRUCTION STATUS WILL BE REPORTED.

NOVOSIBIRSK ICBM LAUNCH SITE 1

UR 5518N 08301E

NO SIGNIFICANT ACTIVITY OBSERVED.

NOVOSIBIRSK ICBM LAUNCH SITE 2

UR 5519N 08310E

NO SIGNIFICANT ACTIVITY OBSERVED.

NOVOSIBIRSK ICBM LAUNCH SITE 3

UR 5523N 08255E

NO SIGNIFICANT ACTIVITY OBSERVED.

NOVOSIBIRSK ICBM LAUNCH SITE 4

UR 5522N 08313E

A POSSIBLE SS-7 MISSILE IS IN FRONT OF THE LEFT MISSILE-READY BUILDING.

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

NOVOSIBIRSK ICBM LAUNCH SITE 5

UR 5519N 08256E

NO SIGNIFICANT ACTIVITY OBSERVED.

OLOVYANNAYA ICBM COMPLEX

UR 5049N 11550E

THE COMPLEX IS NOT COVERED BY PHOTOGRAPHY. ONLY A SMALL PORTION OF THE SEARCH AREA SE OF THE COMPLEX IS COVERED. NO NEW MISSILE FACILITIES OBSERVED.

ZHANGIZ-TOBE ICBM COMPLEX

UR 4912N 08109E

THIRTEEN OF THE KNOWN 24 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE OBSERVED. THIS TOTAL INCLUDES 1 NEWLY IDENTIFIED SITE DESIGNATED 24D. IT IS LOCATED AT 48-53N 080-54E, APPROXIMATELY 22 NM SSW OF THE COMPLEX SUPPORT FACILITY. IT IS FIRST SEEN ON THIS MISSION IN AN EARLY STAGE OF CONSTRUCTION AND CAN BE NEGATED ON MISSION

TWO OF THE LAUNCH SITES IN COMPLETED LAUNCH GROUP A ARE OBSERVED WITH NO SIGNIFICANT ACTIVITY NOTED --

NO OTHER NEW MISSILE-RELATED ACTIVITY OBSERVED IN PORTIONS OF THE SEARCH AREA COVERED BY PHOTOGRAPHY.

WHERE MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE PHRASE NO SIGNIFICANT ACTIVITY WILL APPEAR. IF THE TARGET IS AN INCOMPLETE LAUNCH SITE, THE CONSTRUCTION STATUS WILL BE REPORTED.

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

25X  
25X

25X

ZHANGIZ-TOBE ICBM LAUNCH SITE 13 (C) UR 4909N 08114E

SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION. A SILO LINER IS BEING ASSEMBLED ON THE RECTANGULAR MOUND.

ZHANGIZ-TOBE ICBM LAUNCH SITE 14 (C) UR 4910N 08121E

SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION. CONSTRUCTION CONTINUES ON THE L-SHAPED ELECTRONIC FACILITY.

ZHANGIZ-TOBE ICBM LAUNCH SITE 15 (C) UR 4908N 08129E

SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION.

ZHANGIZ-TOBE ICBM LAUNCH SITE 16 (C) UR 4903N 08122E

SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION. A SILO LINER IS BEING ASSEMBLED ON THE RECTANGULAR MOUND.

ZHANGIZ-TOBE ICBM LAUNCH SITE 18 (C) UR 4905N 08114E

SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION.

ZHANGIZ-TOBE ICBM LAUNCH SITE 19 UR 4901N 08104E

SITE REMAINS IN AN EARLY STAGE OF CONSTRUCTION.

TOP SECRET

25X  
25X

KH-7 MISSION 4036, 3-10 FEB 67

ZHANGIZ-TOBE ICBM LAUNCH SITE 20 UR 4858N 08110E

SITE REMAINS IN AN EARLY STAGE OF CONSTRUCTION.

ZHANGIZ-TOBE ICBM LAUNCH SITE 21 UR 4857N 08059E

SITE REMAINS IN AN EARLY STAGE OF CONSTRUCTION.

ZHANGIZ-TOBE ICBM LAUNCH SITE 22 (X) UR 4912N 08107E

SITE IS IN AN EARLY STAGE OF CONSTRUCTION.

ZHANGIZ-TOBE ICBM LAUNCH SITE 23 UR 4854N 08106E

THE LAUNCH SITE CAN NOW BE CONFIRMED AND REMAINS IN AN EARLY STAGE OF CONSTRUCTION.

ZHANGIZ-TOBE ICBM COMPLEX SUPPORT FAC UR 4912N 08109E

CONSTRUCTION CONTINUES ON THE HARDENED COMMAND AND CONTROL FACILITY. EXTENSIVE EQUIPMENT AND OPEN STORAGE ARE VISIBLE THROUGHOUT THE AREA.

ZHANGIZ-TOBE ICBM RAIL-TO-ROAD TSFR POINT UR 4912N 08108E

NO SIGNIFICANT ACTIVITY OBSERVED.

ALEYSK ICBM COMPLEX UR 5229N 08243E

AT THE EASTERN EDGE OF THE COMPLEX, 7 OF THE 19 TYPE IIIC SITES ARE OBSERVED. NO NEW MISSILE FACILITIES ARE

K1

Approved For Release TOP SECRET A-RDP03-00140R000100010049-8

25X  
25X

KH-7 MISSION 4036, 3-10 FEB 67

IDENTIFIED. SITES 19 AND 20 DISPLAY A DEVIATION FROM STANDARD IIIC CONSTRUCTION IN THAT THE 30-35-FT DIAMETER SILO CORING IS DUG FROM GROUND LEVEL, RATHER THAN AT THE BOTTOM OF A LARGE EXCAVATION WHICH USUALLY ACCOMMODATES THE HEADWORKS BELOW GROUND LEVEL.

WHERE MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE PHRASE NO SIGNIFICANT ACTIVITY WILL APPEAR. IF THE TARGET IS AN INCOMPLETE LAUNCH SITE, THE CONSTRUCTION STATUS WILL BE REPORTED.

K1

25X

ALEYSK ICBM LAUNCH SITE 8 (B)

UR 5218N 08249E

A TYPICAL IIIC SILO LINER IS IN PLACE ON THE RECTANGULAR EARTHEN MOUND. THE SITE IS IN A LATE STAGE OF CONSTRUCTION.

K1

ALEYSK ICBM LAUNCH SITE 15 (C)

UR 5222N 08256E

CONSTRUCTION STATUS REMAINS UNDETERMINED.

K1

ALEYSK ICBM LAUNCH SITE 16 (C)

UR 5229N 08257E

SITE IS IN AN UNDETERMINED STAGE OF CONSTRUCTION.

K1

ALEYSK ICBM LAUNCH SITE 17

UR 5231N 08306E

SITE IS IN AN UNDETERMINED STAGE OF CONSTRUCTION.

K1

25X  
25X

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

ALEYSK ICBM LAUNCH SITE 18

UR 5224N 08305E

SITE REMAINS IN AN EARLY STAGE OF CONSTRUCTION.

ALEYSK ICBM LAUNCH SITE 19 (C)

UR 5228N 08312E

THE SITE SHOWS A DISTINCT DEVIATION FROM STANDARD TYPE IIIC CONSTRUCTION PROCEDURES. AT SITES 19 AND 20, ONLY A 30-35-FT DIAMETER CORING IS OBSERVED, DUG NOT AT THE BOTTOM OF A LARGE EXCAVATION, BUT RATHER RIGHT AT GROUND LEVEL. THIS PROCEDURE WOULD REQUIRE HEADWORKS TO BE CONSTRUCTED ABOVE GROUND LEVEL UNLESS A LARGER EXCAVATION IS COMPLETED AROUND THE HOLE. A CRANE IS AT THE EDGE OF THE HOLE. THE SITE REMAINS IN AN EARLY STAGE OF CONSTRUCTION.

(SEE ATTACHMENT)

ALEYSK ICBM LAUNCH SITE 20 (C)

UR 5235N 08312E

THE SITE SHOWS A DISTINCT DEVIATION FROM STANDARD TYPE IIIC CONSTRUCTION TECHNIQUES. AT SITES 19 AND 20, ONLY A 30-35-FT DIAMETER CORING IS OBSERVED, DUG NOT AT THE BOTTOM OF A LARGE EXCAVATION, BUT RATHER RIGHT AT GROUND LEVEL. THIS PROCEDURE WOULD REQUIRE HEADWORKS TO BE CONSTRUCTED ABOVE GROUND LEVEL UNLESS A LARGER EXCAVATION IS COMPLETED AROUND THE HOLE. A POSSIBLE CRANE IS AT THE EDGE OF THE CORING HOLE. THE SITE REMAINS IN AN EARLY STAGE OF CONSTRUCTION.

(SEE ATTACHMENT)

KARTALY ICBM COMPLEX

UR 5302N 06034E

TWELVE LAUNCH SITES, INCLUDING 2 NEWLY IDENTIFIED SITES, ARE COVERED, AS ARE THE COMPLEX SUPPORT FACILITY AND THE RAIL-TO-ROAD TRANSFER POINT. THE SUPPORT FACILITY FOR SITE 15 IS ALSO OBSERVED.

TWO NEWLY IDENTIFIED TYPE IIIC LAUNCH SITES, DESIGNATED

TOP SECRET

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

SITE 31E AT 52-50N 060-21E AND SITE 32E AT 52-42N 060-25E, ARE THE START OF A FIFTH GROUP (E) AT THIS COMPLEX. BOTH ARE IN AN EARLY STAGE OF CONSTRUCTION AND ARE NEGATED ON [REDACTED] THEY ARE BOTH FIRST SEEN ON [REDACTED]

FOUR SITES OF COMPLETED LAUNCH GROUP A ARE OBSERVED WITH NO SIGNIFICANT ACTIVITY --

THREE SITES OF COMPLETED LAUNCH GROUP B ARE OBSERVED WITH NO SIGNIFICANT ACTIVITY --

NO OTHER NEW MISSILE ACTIVITY SEEN WITHIN LIMITS OF PHOTOGRAPHY.

KARTALY ICBM LAUNCH SITE 15 (C) UR 5257N 06039E

ONLY THE SITE SUPPORT FACILITY IS OBSERVED.

KARTALY ICBM LAUNCH SITE 27 (X) UR 5300N 06033E

SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION.

KARTALY ICBM LAUNCH SITE 31 (E) UR 5247N 06024E

SITE IS NOW CONFIRMED.

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

KARTALY ICBM COMPLEX SUPPORT FACILITY UR 5302N 06034E

NO SIGNIFICANT ACTIVITY OBSERVED.

KARTALY ICBM RAIL-TO-ROAD TRANSFER POINT UR 5301N 06034E

NO SIGNIFICANT ACTIVITY OBSERVED.

IMENI GASTELLO ICBM COMPLEX UR 5106N 06618E

ELEVEN OF THE 25 KNOWN LAUNCH SITES AND A PORTION OF THE 50-NM SEARCH AREA ARE COVERED BY PHOTOGRAPHY. NO MISSILES OR MISSILE-RELATED ACTIVITY OBSERVED.

TWO LAUNCH SITES (LS) IN COMPLETED LAUNCH GROUP A ARE OBSERVED WITH NO SIGNIFICANT ACTIVITY --

WHERE MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE PHRASE NO SIGNIFICANT ACTIVITY WILL APPEAR. IF THE TARGET IS AN INCOMPLETE LAUNCH SITE, THE CONSTRUCTION STATUS WILL BE REPORTED.

IMENI GASTELLO ICBM LAUNCH SITE 13 (C) UR 5056N 06550E

SITE IS NOW IN THE LATE STAGE OF CONSTRUCTION.

IMENI GASTELLO ICBM LAUNCH SITE 14 (C) UR 5054N 06542E

SITE IS NOW IN THE LATE STAGE OF CONSTRUCTION.

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

25X

25X

25X

IMENI GASTELLO ICBM LAUNCH SITE 16 (C) UR 5102N 06550E

SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION. THE  
SILO LINER IS NO LONGER ON THE RECTANGULAR MOUND.

IMENI GASTELLO ICBM LAUNCH SITE 17 (C) UR 5101N 06541E

SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION.

IMENI GASTELLO ICBM LAUNCH SITE 20 (D) UR 5124N 06615E

SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION.

IMENI GASTELLO ICBM LAUNCH SITE 22 (D) UR 5126N 06608E

SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION.

IMENI GASTELLO ICBM LAUNCH SITE 23 UR 5119N 06607E

SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION.

IMENI GASTELLO ICBM LAUNCH SITE 24 (D) UR 5126N 06557E

SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION.

IMENI GASTELLO ICBM LAUNCH SITE 25 (D) UR 5120N 06558E

SITE REMAINS IN THE EARLY STAGE OF CONSTRUCTION.

TOP SECRET

25X

25X

KH-7 MISSION 4036, 3-10 FEB 67

25X

SARY-SHAGAN LAUNCH COMPLEX A (ZONE A) UR 4625N 07252E

LAUNCH COMPLEX A AND PROBABLE LONG RANGE SAM LAUNCH COMPLEX 2 ARE COVERED. NO SIGNIFICANT CHANGE OBSERVED SINCE [REDACTED] AT LAUNCH SITES 5 AND 6, ELECTRONIC SITES D AND E, THE MISSILE STORAGE AND CHECKOUT AREA, THE HEADQUARTERS AND ADMINISTRATION AREA, THE ON-SITE SAM SUPPORT FACILITY, AND THE AIRSTRIP.

AT LAUNCH SITE 1, POSITIONS 1 THROUGH 5 ARE OCCUPIED BY SA-2 LAUNCHERS. POSITION 6 IS UNOCCUPIED. LAUNCH POSITION 7 APPEARS OCCUPIED BY THE SAME EQUIPMENT AS ON [REDACTED] - AN UNIDENTIFIED LAUNCHER WITH A PROBABLE MISSILE AND AN ADDITIONAL UNIDENTIFIED PIECE OF EQUIPMENT. ONE SA-2 LAUNCHER REMAINS IMMEDIATELY SW OF LAUNCH POSITION 6 AND GENERALLY TO THE EAST ARE 11 SA-2 LAUNCHERS, BOGIE WHEELS, AND 6 VANS IN THE SAME LOCATION AS OBSERVED ON [REDACTED] SEVEN PROBABLE MISSILES ON DOLLIES ARE SEEN AT THE SITE WHERE 6 WERE NOTED ON [REDACTED]

AT LAUNCH SITE 2, ALL LAUNCH POSITIONS ARE UNOCCUPIED. EQUIPMENT REMAINS PARKED IMMEDIATELY EAST OF THE SITE. THE CENTRAL GUIDANCE AREAS AT LAUNCH SITES 1 AND 2 ARE OCCUPIED. APPROXIMATELY 25 VEHICLES/PIECES OF EQUIPMENT ARE PARKED IN THE SITE SUPPORT FACILITY WITH SOME MOVEMENT NOTED SINCE [REDACTED]

AT LAUNCH SITE 3, MISSILES ARE OBSERVED ON THE LAUNCHERS AT LAUNCH POSITIONS 2 AND 6. AN UNIDENTIFIED PIECE OF EQUIPMENT IS NEAR THE LAUNCH POINT AT POSITION 2. THE MISSILE AT POSITION 6 IS GENERALLY SIMILAR TO THE APPROXIMATELY 35-FT LONG MISSILE OBSERVED IN THE SAME POSITION ON [REDACTED] WHICH SOMEWHAT RESEMBLED THE MISSILE SEEN AT POSITION B-6, PROBABLE LONG RANGE SAM LAUNCH COMPLEX 2 ON [REDACTED] CONFIGURATION DETAILS OF THE MISSILE AT POSITION 2 CANNOT BE DETERMINED. SHADOW ANALYSIS REVEALS A SEPARATION BETWEEN THE LAUNCHER RAIL AND THE SUSTAINER PORTION OF THIS MISSILE. UNOCCUPIED LAUNCHERS CAN BE SEEN AT POSITIONS 3 AND 5. THEY ARE NOT PRESENT AT POSITIONS 1 AND 4. TWO MISSILE DOLLIES ARE AT THE RAIL EXTREMITIES AT POSITIONS 5 AND 6, AND ONE IS AT POSITION 2. TWO PIECES OF EQUIPMENT ARE IN FRONT OF THE ENVIRONMENTAL SHELTERS AT POSITION 4. EQUIPMENT REMAINS PARKED JUST NORTH OF POSITION 3, INCLUDING THE 2 PROBABLE MOCK-UP MISSILES.

KH-7 MISSION 4036, 3-10 FEB 67

AT LAUNCH SITE 4, POSITION 1 IS OCCUPIED BY A LAUNCHER WITH A MISSILE AND BY 2 DOLLIES. SHADOW ANALYSIS INDICATES THAT A CONNECTION (POSSIBLE SUPPORT BRACE) EXTENDS FROM THE END OF THE LAUNCHER RAIL TO THE MISSILE SUSTAINER. THIS CONNECTION IS SIMILAR TO OTHERS PREVIOUSLY OBSERVED AT LAUNCH POSITIONS AT LAUNCH SITE 3 AND PROBABLE LONG RANGE SAM LAUNCH COMPLEX 2. POSITIONS 2 THROUGH 6 ARE UNOCCUPIED. ONE MISSILE DOLLY IS PRESENT AT POSITIONS 2 AND 4 AND 2 DOLLIES ARE AT POSITION 3. OCCUPANCY OF THE CENTRAL AREAS AT LAUNCH SITES 3 AND 4 REMAINS ESSENTIALLY AS SEEN ON [REDACTED]

X1

AT ELECTRONIC SITE B, THE 3 RADAR POSITIONS CONTINUE TO BE OCCUPIED BY ENGAGEMENT RADARS. THREE VANS/VEHICLES ARE OBSERVED ON THE ROAD JUST EAST OF RADAR POSITION B-3.

AT ELECTRONIC SITE C, ACTIVITY IS EVIDENT IN THE SNOW SINCE [REDACTED] AT THE RECENTLY CONSTRUCTED APRONS ADJACENT TO THE CENTRAL CONTROL BUILDING AND JUST NORTH OF THE FENCE AT RADAR POSITION C-3. THE LARGE DISHES WHICH PARTIALLY COMPOSED THE BACK-TO-BACK RADARS AT RADAR POSITIONS C-1 AND C-2 REMAIN ON THE GROUND.

X1

AT ELECTRONIC SITE F, ADDITIONAL VANS/EQUIPMENT HAVE APPEARED SINCE [REDACTED] INCLUDING 5 VANS AND ONE PROBABLE VEHICLE NEAR THE WEST-CENTRAL BOUNDARY, 2 VANS AND A PROBABLE VAN CLOSE TO THE CENTER OF THE SITE, AND APPROXIMATELY 7 VEHICLES/PIECES OF EQUIPMENT CLOSE TO THE SE BOUNDARY.

X1

ELECTRONIC SITE G IS UNCHANGED SINCE [REDACTED] EXCEPT FOR THE APPEARANCE OF ONE PROBABLE VAN JUST INSIDE THE SITE ENTRANCE.

25X

AT PROBABLE LONG RANGE SAM LAUNCH COMPLEX 2, LAUNCHERS OCCUPY ALL 12 POSITIONS OF LAUNCH SITES A AND B EXCEPT POSITION B-2, WHICH REMAINS UNOCCUPIED. THE MISSILE OBSERVED ON [REDACTED] AT LAUNCH POSITION 1, SITE A IS NO LONGER PRESENT, NOR IS THE ADJACENT MISSILE TRANSPORTER OR UNIDENTIFIED PIECE OF EQUIPMENT. TWO DOLLIES CAN BE SEEN AT THE RAIL EXTREMITIES AT THE 6 POSITIONS AT LAUNCH SITE A EXCEPT AT POSITION 5 WHERE ONE DOLLY HAS MOVED CLOSER TO THE LAUNCHER SINCE [REDACTED] AT LAUNCH SITE B, THE 2 DOLLIES OBSERVED FOR THE FIRST TIME AT EACH OF THE 6 LAUNCH POSITIONS ON [REDACTED] REMAIN AS SEEN AT THAT TIME -- PARKED AT RIGHT ANGLES TO THE NORMAL WORKING ALIGNMENT POSITION.

X1  
X1  
25X

H-7 MISSION 4036, 3-10 FEB 67

NO EVIDENCE OF RAILS CAN BE SEEN IN THE SNOW. SEGMENTS OF THE CABLE LINES WHICH WERE FIRST OBSERVED ON MISSION [REDACTED] CONNECTING THE LAUNCH SITES AND APPARENTLY TYING IN WITH THE BACK NET/SIDE NET SITE LOCATED 3.68 NM TO THE NORTHEAST ARE VISIBLE IN THE SNOW. NO CHANGE OBSERVED SINCE [REDACTED] IN THE ASSOCIATED TRACKING/GUIDANCE RADAR SITE, IN THE BACK NET/SIDE NET SITE TO THE NE, OR IN THE 2 NEARBY UNIDENTIFIED SITES.

SARY-SHAGAN LAUNCH COMPLEX B (ZONE B) UR 4559N 07231E [REDACTED]

LAUNCH FACILITY A -- IDENTIFICATION ONLY.

LAUNCH FACILITY B -- ONLY LAUNCH POSITIONS B-1 AND B-2 ARE VISIBLE. NO SNOW REMOVAL IS EVIDENT AND THE LAUNCHERS APPEAR UNOCCUPIED.

LAUNCH FACILITY C -- NO CHANGE OBSERVED AT THE TRIAD BUILDINGS. A GALOSH CANISTER IS ENGAGED IN THE ERECTOR AT LAUNCH POSITION C-1 IN A HORIZONTAL OR NEAR HORIZONTAL POSITION. THE CANISTER IS ALIGNED WITH THE VEHICLE INDICES WITH THE FRONT END OF THE CANISTER POINTING ALONG THE SOUTHWESTERLY INDICES [REDACTED] LAUNCH POSITION C-2 IS UNOCCUPIED. THE STATUS OF LAUNCH POSITION C-3 (PREVIOUSLY REPORTED UNDER CONSTRUCTION) AND POSSIBLE LAUNCH POSITION C-4 CANNOT BE DETERMINED BECAUSE OF IMAGE SMEAR. THE MISSILE ASSEMBLY AND CHECKOUT FACILITY IS NOT IMAGED. THE SNOW HAS BEEN CLEARED FROM THE MAIN ROAD CONNECTING THE OPERATIONS AREA AND THE COMPLEX SUPPORT AREA.

INSTRUMENTATION SITE B-1 IS THE ONLY ONE OF THE 4 COMPLEX INSTRUMENTATION SITES COVERED. TWO MORE POSSIBLE ELECTRONIC VANS HAVE MOVED INTO INSTRUMENTATION SITE B-1 SINCE [REDACTED] MAKING A TOTAL OF 4 POSSIBLE ELECTRONIC VANS NOW PRESENT.

AT THE SA-2 SAM SITE, ALL 6 LAUNCH POSITIONS ARE PROBABLY OCCUPIED BUT NO MISSILES ARE IDENTIFIED.

IN THE COMPLEX SUPPORT AREA, ONE PROBABLE TEMPORARY STORAGE/HOUSING BUILDING HAS BEEN TORN DOWN SINCE [REDACTED]

TOP SECRET

25X  
25X

KH-7 MISSION 4036, 3-10 FEB 67

EMBA MSL TEST CENTER LAUNCH AREA

UR 4831N 05801E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

KUULI MAYAK MISSILE TEST FACILITY

UR 4022N 05243E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

KRASNOYARSK EXPLOS & PROPELLANTS PLANT 580 UR 5602N 09303E

TEST FACILITY -- THE BUILDING IMMEDIATELY SOUTH OF THE  
H-SHAPED BUILDING CAN NOW BE IDENTIFIED AS HAVING 2 OR  
MORE COMPONENT OR BATCH TEST CELLS. NO ROCKET MOTORS  
OR EVIDENCE OF TEST ACTIVITY ARE EVIDENT IN THE TEST  
FACILITY AREA. A LARGE PROBABLE STORAGE BUILDING HAS  
BEEN ERECTED IMMEDIATELY EAST OF THE 2 OFFSET BUILDINGS  
AND A SECOND IS UNDER CONSTRUCTION IN THE SAME AREA.

PLANT 580 -- THE REVETMENT AROUND THE EASTERNMOST  
CASTING FACILITY HAS BEEN COMPLETED OR IS NEAR  
COMPLETION. A THIRD NITROGLYCERINE LINE APPEARS  
COMPLETE. THE SOUTHERN HALF OF THE PLANT CAN NOW BE  
IDENTIFIED AS A PROBABLE SINGLE-BASE PROPELLANT  
PRODUCTION FACILITY.

(SEE ATTACHMENT)

SARATOV AIRFRAME PLANT 292

UR 5130N 04557E

OB -- 4 CAB AND 1 SMALL STRAIGHT-WING.

NO SOLID OR HORIZONTAL LIQUID TEST FACILITIES OBSERVED.

TOP SECRET

25X

25X

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

TA-HUA CHIAO PROBABLE CD POSITIONS

CH 1847N 11032E

NO CRUISE MISSILES OR MISSILE-RELATED EQUIPMENT  
OBSERVED WITHIN 3 NM OF REFERENCED COORDINATES. NO  
COASTAL DEFENSE SITES OR EQUIPMENT OBSERVED.

VLADIMIR SUBMARINE BASE

UR 4356N 13528E

OB -- AT SUBMARINE BASE PIERS -- 2 W-CLASS SS, 1  
S-1-CLASS YFP, 1 SHCH-IV-CLASS OSS AGROUND, 1 AO, 1  
SMALL AUXILIARY, AND SEVERAL BARGES.  
IN BAY -- 2 W-CLASS SS, 2 POSSIBLE SS, 1 ATREK-CLASS  
ASL, AND 2 YAGT.  
AT PORT FACILITY -- 2 T-43-CLASS MSF, 1 T-43-CLASS AGS,  
1 POSSIBLE PC, 1 POSSIBLE MSL, AND 4 POSSIBLE MSI.

NO MISSILE-ASSOCIATED EQUIPMENT OR STORAGE NOTED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

SOVETSKAYA GAVAN SUBMARINE BASE

UR 4902N 14016E

OB -- AT SUBMARINE BASE -- 10 W-CLASS SS, 1 L-II-CLASS  
OSS, 2 PROBABLE YPT, 1 PROBABLE AT, AND 6 SMALL SERVICE  
CRAFT (BEACHED).  
AT TORPEDO DEPOT -- 1 SVERDLOV-CLASS CL, 3 SKORYY-CLASS  
DD, 2 RIGA-CLASS DE, 2 T-43-CLASS MSF, 1  
KRONSHADT-CLASS PC, 1 KAPITAN-CLASS AGB, AND 5 SMALL  
SERVICE CRAFT (BEACHED). ONE YAGT IS MOORED WEST OF  
THE TORPEDO DEPOT.  
AT THE MTB BASE -- 6 KOMAR-CLASS PTG, 3 P-6-CLASS PT  
HULLS, 2 RADAR REFLECTOR MASTS, AND 39 PROBABLE STYX  
SSN-2 CRATES.  
NORTH OF THE MTB BASE -- 2 SKORYY-CLASS DD, 2  
RIGA-CLASS DE, 3 T-43-CLASS MSF, AND SEVERAL SMALL  
SERVICE CRAFT.  
AT SHIPYARD 263 -- 2 W-CLASS SS, 3 SKORYY-CLASS DD, 1  
RIGA-CLASS DE, 1 T-43-CLASS MSF, 1 KRONSHADT-CLASS PC,  
AND 11 AUXILIARIES (3 IN FLOATING DOCK).

TOP SECRET

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

NO UNREPORTED MISSILE OR NUCLEAR FACILITIES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

HSIAO-PING TAO NAVAL BASE

CH 3849N 12129E

OB -- 1 G-CLASS SSB, 3 DREDGES, 4 BARGES, AND 2 SMALL  
CRAFT.

THE BASE COMPLEX APPEARS TO BE SEPARATED INTO 2  
DISTINCT FUNCTIONS. THE USUAL G-CLASS SSB BERTHING  
AREA IS LOCATED ON THE SW PORTION OF THE PENINSULA  
SHELTERING THE BAY. IDENTIFIABLE FACILITIES INCLUDE A  
PARTIALLY COMPLETED MARGINAL WHARF, A POSSIBLE  
BREAKWATER UNDER CONSTRUCTION, A PARTIALLY BUNKERED  
BUILDING ADJOINING THE WHARF, AND A POSSIBLE  
CONSTRUCTION SUPPORT COMPLEX COMPOSED OF A HEATING  
PLANT AND 3 ADDITIONAL BUILDINGS. A POSSIBLE CONCRETE  
BLOCK PLANT FOR QUAY AND WHARF CONSTRUCTION ADJOINS THE  
WATERFRONT. EXTENSIVE IMPROVEMENT OF THE SHORELINE IS  
UNDERWAY AT THIS PORTION OF THE FACILITY.

THE OTHER PORTION OF THE BASE LOCATED ON THE MAINLAND  
APPEARS TO BE FOR PT BOAT SUPPORT. FACILITIES INCLUDE  
A SIDE-HAUL MARINE RAILWAY, AT LEAST 4 COMPLETED  
STORAGE WAYS, A SMALL WINCH HOUSE AT THE HEAD OF THE  
MARINE RAILWAY, 1 PIER/BREAKWATER, 1 PIER WITH A  
BREASTING PLATFORM, 4 SUPPORT BUILDINGS, AND 2 GROUPS  
OF CONCRETE UNDERWATER CONSTRUCTION BLOCKS LYING IN  
SHALLOW WATER ADJACENT TO THE PIER/BREASTING PLATFORM.  
EXTENSIVE EXCAVATION AND NUMEROUS BUILDINGS ARE PRESENT  
IN THE RAVINES LEADING FROM THE SMALL ALLUVIAL PLAIN  
SURROUNDING THE NECK OF THE PENINSULA. NO SIGNIFICANT  
CHANGE HAS OCCURRED IN THIS ACTIVITY SINCE MISSION  
EXCEPT THAT THE SPOIL PILES ADJOINING THE  
EXCAVATIONS ARE MORE EXTENSIVE.

NO IDENTIFIABLE SIGNATURES OF MISSILE SUPPORT ACTIVITY  
OBSERVED.

(SEE ATTACHMENT)

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

VOLGOGRAD PROB LONG RANGE SAM LCH CPLX UR 4821N 04417E

NO SIGNIFICANT CHANGE OBSERVED AT THE DOUBLY SECURED COMPLEX SINCE [REDACTED] ALTHOUGH HEAVY SNOW COVER PRECLUDES DETAILED INTERPRETATION. LITTLE TRACK ACTIVITY IS DISCERNIBLE THROUGHOUT THE COMPLEX AND NO TRACK ACTIVITY IS APPARENT AT THE AIR WARNING FACILITY. NO STRUCTURES, PERMANENT OR TEMPORARY, ARE DISCERNIBLE IN THE SUPPORT AREA WEST OF THE COMPLEX AND BEYOND THE SECURITY FENCES. THE AIR WARNING FACILITY CONTAINS 4 MOUNDED RADAR POSITIONS, BUT NO RECTANGULAR ASSOCIATED BUILDING AS OBSERVED AT TALLINN AND LIEPAJA PROBABLE LONG RANGE SAM LAUNCH COMPLEXES. NO MISSILES OR MISSILE-ASSOCIATED EQUIPMENT OBSERVED.

STARYY KILDIN CRUISE-MISSILE LAUNCH SITE 1 UR 6922N 03413E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

STARYY KILDIN CRUISE-MISSILE LAUNCH SITE 2 UR 6922N 03404E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

YU-LIN COASTAL DEFENSE AND RADAR SITE CH 1811N 10929E

EACH LAUNCH POSITION AT THE WESTERN COASTAL DEFENSE SITE IS OCCUPIED BY AN UNIDENTIFIED OBJECT. NO NEW CONSTRUCTION IS OBSERVED AT THE EASTERN COASTAL DEFENSE SITE. THE 4-POSITION AAA SITE WEST OF THE RADAR SITE APPEARS OCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

SUROK SAM ASSEMBLY AND SUPPORT FACILITY UR 5627N 04809E

THE FACILITY CONSISTS OF 4 SEPARATELY SECURED, RAIL-SERVED AREAS.

THE NORTHERNMOST AREA CONTAINS 30 STORAGE-TYPE BUILDINGS FRONTED WITH HARDSTANDS, 3 DRIVE-THROUGH BUILDINGS, AND 2 OTHER BUILDINGS. LOCATED THROUGHOUT THE AREA ARE 150 LONG CYLINDRICAL OBJECTS AND 120 SHORTER CYLINDRICAL OBJECTS.

THE WESTERNMOST AREA CONTAINS 4 LARGE AND 6 OTHER BUILDINGS. LOCATED THROUGHOUT THE AREA ARE 26 PROBABLE CANVAS-COVERED MISSILE TRANSPORTERS WITH PRIME MOVERS, 15 POSSIBLE CANVAS-COVERED MISSILE TRANSPORTERS WITHOUT PRIME MOVERS, 12 PROBABLE MISSILE TRANSPORTERS WITHOUT PRIME MOVERS, 35 PROBABLE CANVAS-COVERED LAUNCHERS, 30 VAN TRAILERS, 25 OTHER TRAILERS, AND 40 VEHICLES/PIECES OF EQUIPMENT.

THE EASTERNMOST AREA CONTAINS 3 DRIVE-IN BUNKERS, 7 LARGE DRIVE-IN BUILDINGS, AND 3 SMALLER DRIVE-IN BUILDINGS.

THE CENTRAL AREA CONTAINS 3 BUILDINGS AND 8 LONG, LARGE CYLINDRICAL OBJECTS.

PYONGYANG SAM SITE C05-2

KN 3916N 12606E BONUS 1

22.3 NM NE OF PYONGYANG AT 39-16-00N 126-06-50E. NEWLY IDENTIFIED SA-2 SAM SITE, OF IRREGULAR CONFIGURATION, CONTAINS 6 REVETTED LAUNCH POSITIONS, 5 OCCUPIED WITH LAUNCHERS AND 1 UNOCCUPIED, A REVETTED CENTRAL GUIDANCE AREA, OCCUPIED WITH 1 BUILDING AND POSSIBLE RADAR, AND 3 PROBABLE REVETTED MISSILE-HOLD BUILDINGS.

USSURIYSK SAM TRAINING AREA B19-2

UR 4333N 13156E BONUS 2

15 NM SOUTH OF USSURIYSK AT 43-33-20N 131-56-20E. FACILITY INCLUDES 2 SA-2 REVETTED LAUNCH POSITIONS, EACH CONTAINING A LAUNCHER AND A MISSILE TRANSPORTER WITH A UNIDENTIFIED OBJECT UNDER CANVAS-TYPE COVER. AN

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

UNREVIEWED FAN SONG RADAR (PROBABLE B/C TYPE) IS LOCATED APPROXIMATELY 100 FT WEST OF THE SOUTHERN LAUNCH POSITION. TWELVE LAUNCHERS, 2 PROBABLE CANISTER TRANSPORTERS, 14 VANS, AND AT LEAST 10 OTHER VEHICLES ARE PARKED THROUGHOUT THE FACILITY. THERE ARE 2 LARGE AND 5 OTHER BUILDINGS IN THE SEPARATELY SECURED AREA WHICH ADJOINS THE RAZDOLNOYE ARMY BARRACKS ALEKSEYEVKA AL 2 [REDACTED]

IN A MOTOR POOL FACILITY APPROXIMATELY 2 NM SOUTH OF THE SAM TRAINING AREA ARE AT LEAST 27 MISSILE TRANSPORTERS (21 CONTAINING UNIDENTIFIED OBJECTS UNDER CANVAS-TYPE COVER), 6 PRIME MOVERS, AND APPROXIMATELY 14 OTHER VEHICLES.

[REDACTED]

KAPUSTIN YAR PROB LR SAM LAUNCH COMPLEX UR 4832N 04602E BONUS 3

A PROBABLE LONG RANGE SAM (PLRS) LAUNCH COMPLEX HAS BEEN IDENTIFIED AT KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER. THE COMPLEX IS LOCATED 12 NM EAST OF KAPUSTIN YAR AND APPROXIMATELY 72 NM ENE OF THE VOLGOGRAD PLRS LAUNCH COMPLEX. IT IS IN AN EARLY- TO MID-STAGE OF CONSTRUCTION AND CONSISTS OF 2 LAUNCH SITES, DESIGNATED A AND B, AND 2 MOUNDED RADAR POSITIONS WITH A CENTRAL CONTROL AT THE TRACKING/GUIDANCE FACILITY. CONFIRMATION OR NEGATION OF RAILS IS NOT POSSIBLE DUE TO HEAVY SNOW COVER.

THE LAUNCH SITES AND THE TRACKING/GUIDANCE FACILITY APPEAR NEARLY IDENTICAL TO LAUNCH SITES B AND C AND THEIR CORRESPONDING RADAR POSITIONS AT THE VOLGOGRAD PLRS COMPLEX. THE AZIMUTH OF A PERPENDICULAR BISECTOR OF A LINE CONNECTING CONTROL CENTERS A AND B IS 201 DEGREES (PLUS OR MINUS 5 DEGREES). THE COMPLEX DOES NOT APPEAR SECURED. A POSSIBLE CONSTRUCTION SUPPORT AREA IS LOCATED NORTH OF SITE B.

THE COMPLEX CAN BE NEGATED ON [REDACTED] AND WAS FIRST SEEN IN A VERY EARLY STAGE OF CONSTRUCTION ON [REDACTED] LAUNCH POSITIONS B2, 5, AND 6, BOTH CONTROL CENTERS, AND THE TRACKING/GUIDANCE FACILITY WERE PRESENT.

NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

[REDACTED]

**Air  
Facilities**

KH-7 MISSION 4036, 3-10 FEB 67

AIR FACILITIES

TIKSI AIRFIELD

UR 7141N 12853E

IDENTIFICATION ONLY.

NORILSK AIRFIELD NORTHWEST

UR 6923N 08748E

IDENTIFICATION ONLY.

TIKSI AIRFIELD WEST

UR 7141N 12842E

IDENTIFICATION ONLY.

OMSK AIRCRAFT PLANT 166

UR 5458N 07326E

OB -- [ ] - 7 PROBABLE FISHPOT IN PLANT AREA, 40 SMALL  
SWEPT/DELTA-WING AT FLYAWAY FIELD, AND 2 CAB.

[ ] - 4 PROBABLE FISHPOT IN PLANT AREA. THE FLYAWAY  
FIELD IS NOT COVERED.

121D -- 6 PROBABLE FISHPOT AT FINAL ASSEMBLY BUILDING  
AND 2 POSSIBLE DELTA-WING AT FLYAWAY FIELD.

KAZAN AIRFRAME PLANT GORBUNOV 22

UR 5552N 04907E

OB -- 6 BLINDER, 5 BADGER, 2 CAB, AND 1 COLT.

NO SIGNIFICANT CHANGE OBSERVED IN THE BUILDING  
CONSTRUCTION ADJACENT TO THE FINAL ASSEMBLY HALL.

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

KOMSOMOLSK AIRFRAME PLT ORDZHONIKIDZE 126 UR 5036N 13705E

OB -- 9 FITTER, 8 FLASHLIGHT, 43 FAGOT/FRESCO, 2 CAMP, 5 CAB, 3 COLT, 2 CREEK, AND 2 HOUND.

SIX PROBABLE FITTER SHIPPING CRATES ARE LOCATED IN THE TRANSSHIPMENT AREA. NO PROBABLE MISSILE AIRFRAMES ARE OBSERVED IN THE NW SECTION OF THE PLANT. A LARGE NEW ELECTRICAL SUB-STATION HAS RECENTLY BEEN COMPLETED ADJACENT TO THE NW SECTION.

AKHTUBINSK/VLADIMIROVKA AIRFIELD

UR 4818N 04613E

OB -- 2 IDENTICAL NEW-GENERATION AIRCRAFT SIMILAR TO THOSE OBSERVED AT THIS FIELD ON [REDACTED] ONE IS LOCATED IN THE AIRBORNE WEAPONS COMPLEX AND ONE ON THE TAXIWAY AT THE WEST END OF THE FIELD. ONE BEAR, 6 BLINDER, 19 BADGER, 1 BEAGLE, 8 PROBABLE FISHPOT, 1 FITTER, 17 FIREBAR/FLASHLIGHT-TYPE, 14 PROBABLE FISHBED, 3 FARMER, 7 FAGOT/FRESCO, 5 MANDRAKE, 2 CAMEL, 1 CAT/CUB, 1 CAMP, 1 COKE, 9 CRATE, AND 1 CAB ARE ON MAIN PARKING APRONS, 4 FISHPOT, 2 FITTER, 2 FIREBAR/FLASHLIGHT-TYPE, 4 PROBABLE FISHBED, AND 3 FAGOT/FRESCO ARE IN AIRBORNE WEAPONS COMPLEX, AND 1 PROBABLE BADGER IS PROTRUDING FROM A LARGE HANGAR LOCATED IN THE SUPPORT AREA AT THE EASTERN END OF THE FIELD. THE EXTREME EAST END OF THE FIELD AND THE 13,250-FT RUNWAY ARE NOT COVERED.

NO NEW CONSTRUCTION OR COMPONENTS OR PARTIALLY ASSEMBLED AIRCRAFT OR MISSILES OBSERVED.

MOSKVA AIRFRAME PLANT FILI 23

UR 5545N 03729E

IDENTIFICATION ONLY.

LING-SHUI AIRFIELD

CH 1830N 10959E

OB -- AT LEAST 20 FAGOT/FRESCO.

TOP SECRET

~~TOP SECRET~~

KH-7 MISSION 4036, 3-10 FEB 67

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

TING-HSING AIRFIELD

CH 3915N 11549E

IDENTIFICATION ONLY.

WEI-FANG AIRFIELD

CH 3638N 11907E

OB -- 13 FAGOT/FRESCO AND 15 POSSIBLE FAGOT/FRESCO.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO ELECTRONIC OR COMMUNICATION FACILITIES OBSERVED.

MU-TAN-CHIANG/WEN-CHUN AIRFIELD NORTHEAST CH 4427N 12932E

OB -- NONE OBSERVED.

NO SIGNIFICANT CHANGE OBSERVED.

YUN-NAN-I AIRFIELD

CH 2525N 10042E

OB -- 28 FAGOT/FRESCO, 3 CRATE, AND 5 CAB.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

SUNAN-UP AIRFIELD

KN 3912N 12540E

OB -- 13 BEAGLE, 2 COOT, 1 COKE, 1 CRATE, 4 CAB, 5  
COLT, AND 2 CREEK.

~~TOP SECRET~~

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

AFRIKANDA AIRFIELD

UR 6727N 03247E

OB -- -- 25 PROBABLE FARMER, 11 PROBABLE  
FAGOT/FRESCO, AND 5 POSSIBLE SMALL SWEPT-WING.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

YEN-CHI AIRFIELD SOUTH

CH 4253N 12927E

OB -- 5 FRESCO.

NO RADAR FACILITIES OBSERVED.

NO SIGNIFICANT CHANGE OBSERVED.

YAI-HSIEN AIRFIELD

CH 1817N 10927E

THE AIRFIELD APPEARS ABANDONED.

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

CESKE BUDEJOVICE AIRFIELD

CZ 4856N 01426E

OB -- 6 POSSIBLE FISHPOT, 16 PROBABLE FAGOT/FRESCO, AND  
11 SMALL DELTA-WING.

THE FIELD IS EQUIPPED WITH ILS AND GCA.

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

NOVOROSSIIYA AIRFIELD

UR 4321N 13233E

OB -- 34 FAGOT/FRESCO AND 1 COLT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

SANDAGOU AIRFIELD

UR 4405N 13353E

OB -- 39 FAGOT/FRESCO.

NO ELECTRONIC OR COMMUNICATION FACILITIES OBSERVED.

DAUGAVPILS AIRFIELD NORTHEAST

UR 5557N 02640E

OB -- 21 FLASHLIGHT/FIREBAR-TYPE, 2 POSSIBLE  
FLASHLIGHT/FIREBAR-TYPE, AND 16 FAGOT/FRESCO.

A POSSIBLE AAM FACILITY, 1.2 NM NORTH OF THE RUNWAY  
CENTER IN A WOODED AREA, CONTAINS 1 PROBABLE  
DRIVE-THROUGH TENT, AT LEAST 4 DRIVE-IN BUILDINGS, AND  
AT LEAST 7 OTHER BUILDINGS.

THE FIELD IS EQUIPPED WITH ILS AND GCA.

KYZYLAGACH AIRFIELD

UR 3900N 04848E

OB -- 45 PROBABLE FAGOT/FRESCO.

NO ELECTRONIC OR COMMUNICATION FACILITIES OBSERVED.

UGLOVOYE AIRFIELD NORTHWEST

UR 4320N 13203E

OB -- 15 FISHPOT, 13 FLASHLIGHT/FIREBAR-TYPE, 12  
FAGOT/FRESCO, 2 CAB, 5 COLT, AND 3 HOUND.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR

KH-7 MISSION 4036, 3-10 FEB 67

PREVIOUSLY UNREPORTED FEATURES OBSERVED.

MU-TAN-CHIANG/HAI-LANG AIRFIELD

CH 4432N 12935E

OB -- 45 FAGOT/FRESCO.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

ARKHANGELSK/TALAGI AIRFIELD

UR 6435N 04042E

OB -- 11 FIDDLER, 2 PROBABLE FIDDLER, 1 POSSIBLE  
FIDDLER, 12 FAGOT/FRESCO, 2 POSSIBLE FAGOT/FRESCO, 3  
CAMP, 2 COKE, 6 CRATE, 5 CAB, AND 1 PROBABLE CAB  
FUSELAGE.

A SECURED AAM STORAGE FACILITY 4,500 FT SOUTH OF THE  
RUNWAY CENTER CONTAINS 1 DRIVE-THROUGH, 3 DRIVE-IN, AND  
2 DRIVE-BY BUILDINGS.

AN AIR WARNING RADAR FACILITY 0.8 NM SE OF THE RUNWAY  
CENTER CONSISTS OF 2 OCCUPIED MOUNDS AND NUMEROUS  
VEHICLES/PIECES OF EQUIPMENT.

RISALWALA AIRFIELD

PK 3122N 07300E

OB -- NONE OBSERVED.

THE CONCRETE PARKING APRON IS COMPLETE.

CHIH-FENG AIRFIELD 2

CH 4210N 11855E

7,560 X 170 FT NE/SW RUNWAY WITH 2 END-CONNECTING  
LINKS, 2 CROSSOVER LINKS, A PARALLEL TAXIWAY, A LOOP  
TAXIWAY, 1 ALERT APRON, AND 2 PARKING APRONS, ALL IN AN  
EARLY STAGE OF CONSTRUCTION. AT LEAST 375 SUPPORT

K1

Approved For Release 2025/05/01 : CIA-RDP03-00140R000100010049-8

~~TOP SECRET~~

25X

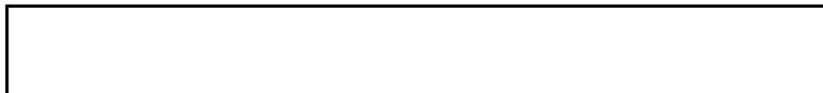
25X

HH-7 MISSION 4036, 3-10 FEB 67

BUILDINGS AND AT LEAST 125 VEHICLES AND PIECES OF  
EQUIPMENT ARE OBSERVED.

OB -- NONE OBSERVED.

K1



25X

## **Nuclear Energy**

25X2

Approved For Release 2005/11/17 : CIA-RDP03-00140R000100010049-8

Next 2 Page(s) In Document Exempt

Approved For Release 2005/11/17 : CIA-RDP03-00140R000100010049-8

**Naval  
Activity /  
Ports**

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

NAVAL ACTIVITY/PORTS

YU-LIN NAVAL BASE AND PORT

CH 1813N 10931E

OB -- AT NAVAL BASE -- 1 PROBABLE HAINAN-CLASS PC, 2 KRONSTADT-CLASS PC, 6 P-4-CLASS PT, 1 UNIDENTIFIED VESSEL ON MARINE RAILWAY, AND SEVERAL SMALL CRAFT. AT PORT FACILITY -- 2 POSSIBLE SHANGHAI-CLASS PTF AND 1 LCT-3-CLASS LCU.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

CHING-TAO SUBMARINE BASE

CH 3604N 12019E

OB -- AT SUBMARINE BASE -- 4 R/W/S-CLASS SS, 1 AGS, AND 2 UNIDENTIFIED VESSELS. AT NAVAL BASE -- 2 GORDYY-CLASS ODD, 2 LST-1-CLASS LST, 2 POSSIBLE LST, 1 CHIEN-SHE (315-FT TYPE) TANKER, AND SEVERAL UNIDENTIFIED VESSELS. AT BACK BAY BERTHING AREA -- OB IS PRESENT BUT NOT IDENTIFIABLE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

CHING-TAO NAVAL DOCKYARD

CH 3604N 12019E

OB -- 1 POSSIBLE LST.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

LU-TA SHIPYARD

CH 3855N 12138E

OB -- 2 GORDYY-CLASS ODD (1 IN GRAVING DOCK), 18 SHANGHAI-CLASS PTF (3 IN WATER AND 15 ON BUILDING WAYS), 1 EACH OF BOW, MID, AND STERN PTF SECTIONS ON

TOP SECRET

TOP SECRET

25X

25X

H-7 MISSION 4036, 3-10 FEB 67

BUILDING WAYS, 2 PROBABLE ATA, 1 UNIDENTIFIED VESSEL,  
AND 3 SMALL CRAFT ON BUILDING WAYS. OUTFITTING OF THE  
TANKER CONSTRUCTED DURING 1966 APPEARS TO BE NEARING  
COMPLETION.

AT PORT FACILITY -- 1 T-43-CLASS MSF AND 2 LST-1-CLASS  
LST.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

TOP SECRET

25X

25X

**Biological/  
Chemical  
Warfare**

25X2

Approved For Release 2005/11/17 : CIA-RDP03-00140R000100010049-8

Next 1 Page(s) In Document Exempt

Approved For Release 2005/11/17 : CIA-RDP03-00140R000100010049-8

**Electronics/  
Communications**

RH-7 MISSION 4036, 3-10 FEB 67

ELECTRONICS/COMMUNICATIONS

SARY-SHAGAN SITE 13

UR 4635N 07432E

HEN HOUSE A -- NO APPARENT CHANGE OBSERVED SINCE

HEN HOUSE B -- CONSTRUCTION HAS CONTINUED SINCE MISSION ON BOTH THE RIGHT AND LEFT ANTENNAS. ALL OF THE 20 PREVIOUSLY HORIZONTAL SECTIONS ON EACH SIDE OF THE CENTRAL CONDUIT HAVE NOW BEEN RAISED IN A V-LIKE TROUGH AT THE LEFT (SOUTH) ANTENNA. THE END OF THIS TROUGH NEAR THE SUSPECT TERMINAL BUILDING IS ENCLOSED. THE ANTENNA FACE, REFERRED TO AS THE NEAR HORIZONTAL COVERING IN THE OAK FOR APPEARS COMPLETE. FORTY PANELS (40 X 20 FT EACH) FORM THE ANTENNA FACE. EACH OF THESE FACE PANELS IS SUBDIVIDED INTO 6 SEGMENTS, THIS IS SIMILAR TO THE LEFT ANTENNA FACE PANELS AT DUAL HEN HOUSE A AT BOTH SITE 13 AND ANGARSK. MENSURATION FROM REVEALS THE ANTENNA FACE TO BE PITCHED FROM HORIZONTAL WITH A BORESIGHT ELEVATION ANGLE OF POINTING WEST OF ZENITH ON A BORESIGHT AZIMUTH OF

AT THE RIGHT (NORTH) ANTENNA, 38 SECTIONS ARE IN PLACE HORIZONTALLY BUT THE 2 END SECTIONS (1 ON EACH SIDE OF THE CENTRAL CONDUIT) NEAR THE SUSPECT TERMINAL BUILDING ARE RAISED IN A V-LIKE TROUGH. EACH OF THE RAISED SECTIONS MEASURES APPROXIMATELY 60 X 55 FT. THE PROBABLE BORESIGHT POINTS WEST OF ZENITH.

HEN HOUSE C -- THE MESH-LIKE SUPERSTRUCTURE ALONG THE FRONT OF BOTH LEFT AND RIGHT ANTENNA STRUCTURES APPEARS COMPLETE. AT THE LEFT REAR (NW) ANTENNA, 11 SECTIONS (APPROXIMATELY 60 X 40 FT EACH) HAVE BEEN EMPLACED HORIZONTALLY ON THE MESH-LIKE SUPERSTRUCTURE BUT THE SUPERSTRUCTURE ONLY EXTENDS ALONG HALF THE LENGTH OF THE CENTRAL CONDUIT. THE MESH-LIKE SUPERSTRUCTURE IS APPROXIMATELY ONE-THIRD COMPLETE AT THE RIGHT REAR (SW) ANTENNA.

HEN HOUSE D -- THE LEFT (NORTH) ANTENNA BUILDING APPEARS COMPLETE BUT THE ANTENNA FACE IS IN SHADOW. AT THE RIGHT (SOUTH) ANTENNA BUILDING, APPROXIMATELY 50 FT OF COVERING REMAINS TO BE EMPLACED ON THE ROOF AT THE END NEAR THE SUSPECT TRANSMITTER BUILDING. AGAIN THE ANTENNA FACE IS IN SHADOW.

X1

Approved For Release 2005/07/01 : CIA-RDP03-00140R000100010049-8

~~TOP SECRET~~

25X

25X

KH-7 MISSION 4036, 3-10 FEB 67

TRIAD AREA -- NO APPARENT CHANGE OBSERVED SINCE MISSION

X1

SUPPORT AREAS -- NO SIGNIFICANT CHANGE OBSERVED SINCE

X1

(SEE ATTACHMENT)

X1

25X

**Military  
Activity**

K1

Approved For Release 2025/07/15 : CIA-RDP03-00140R000100010049-8

TOP SECRET

25X

25X

KH-7 MISSION 4036, 3-10 FEB 67

MILITARY ACTIVITY

25X

BENESOV ARMY BARRACKS TABORSKE 1

CZ 4946N 01441E

IDENTIFICATION ONLY.

K1

CESKY KRUMLOV ARMY BARRACKS NORTH 1

CZ 4849N 01418E

1 NM NE OF CESKY KRUMLOV.

INSTALLATION CONTAINS 9 MULTISTORY BARRACKS, 1  
ADMINISTRATION BUILDING, 8 VEHICLE STORAGE BUILDINGS,  
14 STORAGE BUILDINGS, 2 VEHICLE MAINTENANCE BUILDINGS,  
AND 15 SUPPORT BUILDINGS.

AN ADJACENT TRAINING AREA CONTAINS VEHICLE REVETMENTS,  
TANK DITCHES, TRENCHING, AND EXTENSIVE SCARRING.

DB -- 15 TANKS/ASSAULT GUNS AND 22 CARGO TRUCKS.  
IMMEDIATELY NORTH OF THE TRAINING AREA IS A SECURED  
AREA WITH 12 CARGO TRUCKS.

K1

25X

K6

Approved For Release 2025/07/15 : CIA-RDP03-00140R000100010049-8

TOP SECRET

25X

25X

X1

Approved For Release 10/15/2013 : CIA-RDP03-00140R000100010049-8

~~TOP SECRET~~

25X

25X

KH-7 MISSION 4036, 3-10 FEB 67

X6

X1

25X

25X

X1

25X

MALBORK ARMY BARRACKS 3

PO 5401N 01901E

NO MILITARY INSTALLATION OBSERVED AT OR NEAR THE  
REFERENCED COORDINATES.

X1

CZARNE ARMY BARRACKS 3/4

PO 5340N 01654E

OB -- 45 CANVAS-COVERED TANKS/ASSAULT GUNS, 68  
CANVAS-COVERED TRACKED VEHICLES, 32 UNIDENTIFIED  
VEHICLES, 22 CARGO TRUCKS, AND 10 VEHICLES/PIECES OF  
EQUIPMENT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

X1

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

25X

25X

25X

WALCZ ARMY BARRACKS 2

PO 5316N 01629E

APPROXIMATELY 1 NM SOUTH OF THE BARRACKS IS A SECURED AREA CONTAINING 70 UNIDENTIFIED VEHICLES.

AREA APPEARS OCCUPIED AND ALL PORTIONS APPEAR ACTIVE.

BRAILA ARMY BARRACKS 1/2/4

RU 4515N 02757E

IDENTIFICATION ONLY.

AN-TO ARMY BARRACKS SOUTHWEST

TI 3217N 09136E

OB -- 5 CARGO TRUCKS.

NO INDICATION OF TROOP OR SUPPLY BUILDUP.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

AN-TO BARRACKS AREA

TI 3220N 09137E

NO INDICATION OF TROOP OR SUPPLY BUILDUP.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

LA-SA ARMY BARRACKS SOUTH THIP

TI 2937N 09109E

OB -- 26 FA PIECES AND 37 CARGO TRUCKS.

NO INDICATION OF TROOP OR SUPPLY BUILDUP.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

TOP SECRET

25X

25X

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

LA-SA ARMY BARRACKS WEST NORTU LINGKA

TI 2939N 09102E

OB -- APPROXIMATELY 325 CARGO TRUCKS AND 15  
VEHICLES/PIECES OF EQUIPMENT.

A MODERATE AMOUNT OF UNIDENTIFIED MATERIAL IS OBSERVED  
IN OPEN STORAGE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

LA-SA ARMY BARRACKS & WAREHOUSE AREA N

TI 2941N 09109E

OB -- APPROXIMATELY 85 VEHICLES/PIECES OF EQUIPMENT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

LA-SA ARMY BARRACKS SOUTHWEST

TI 2938N 09108E

OB -- 76 CARGO TRUCKS.

NO INDICATION OF TROOP OR SUPPLY BUILDUP.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

LA-SA ARMY BARRACKS SOUTHEAST PEITING

TI 2937N 09114E

IDENTIFICATION ONLY.

TOP SECRET

TOP SECRET

KH-7 MISSION 4036, 3-10 FEB 67

PANG-TA ARMY BARRACKS & CAMP

TI 3014N 09723E

NO INDICATION OF TROOP OR SUPPLY BUILDUP.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

PHARI DZONG ARMY BARRACKS AND CAMP

TI 2743N 08909E

NO INDICATION OF TROOP OR SUPPLY BUILDUP.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

SU-TUN SUPPLY DEPOT

TI 2930N 09645E

NO INDICATION OF TROOP OR SUPPLY BUILDUP.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

BAKU ARMY BARRACKS KOBIAL 11

UR 4024N 04942E

SW EDGE OF KOBIAL.

SECURED INSTALLATION CONTAINS 5 BARRACKS, 25 QUARTERS,  
1 ADMINISTRATION BUILDING, 3 LONG VEHICLE STORAGE  
BUILDINGS, 3 VEHICLE MAINTENANCE BUILDINGS, AND  
APPROXIMATELY 25 STORAGE/SUPPORT BUILDINGS.

OB -- 65 PROBABLE TRUCKS, 4 PROBABLE TRACKED VEHICLES,  
AND APPROXIMATELY 50 OTHER VEHICLES/PIECES OF  
EQUIPMENT.

TOP SECRET

~~TOP SECRET~~

KH-7 MISSION 4036, 3-10 FEB 67

25X

25X

25X

BAKU BARRACKS SHONGAR AL 24

UR 4018N 04936E

NO MILITARY ACTIVITY OBSERVED IN VICINITY OF REFERENCED COORDINATES.

BEREZINO MANEUVER AREA VESLAYA DOLINA

UR 4615N 02930E

OB -- 9 CARGO/VAN TRUCKS AND APPROXIMATELY 70 OTHER VEHICLES.

APPROXIMATELY 100 PYRAMIDAL TENTS OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

IRKUTSK ORDNANCE DEPOT IRKUTSK 2 PUG

UR 5222N 10409E

NUMEROUS UNIDENTIFIED PIECES OF EQUIPMENT OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

NIZHNIY TAGIL MILITARY TEST RANGE

UR 5751N 06004E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF MILITARY ACTIVITY OBSERVED.

SVERDLOVO TRAINING AREA

UR 4637N 03057E

13 NM NE OF ODESSA.

AREA CONSISTS OF A BARRACKS AREA WITH 6 BARRACKS, 1

25X

~~TOP SECRET~~

25X

KH-7 MISSION 4036, 3-10 FEB 67

ADMINISTRATION BUILDING, 6 QUARTERS, 12 STORAGE/SUPPORT BUILDINGS, 4 VEHICLE STORAGE/MAINTENANCE BUILDINGS, AND A PARADE GROUND. THREE BIVOUAC AREAS CONTAIN 2 ADMINISTRATION BUILDINGS, 10 QUARTERS, 70 STORAGE/SUPPORT BUILDINGS, 3 VEHICLE STORAGE/MAINTENANCE BUILDINGS, NUMEROUS TENT BASES, AND 1 PARADE/DRILL FIELD. TWO SECURED PROBABLE MUNITIONS STORAGE AREAS CONTAIN 4 REVETTED BUILDINGS AND 11 STORAGE/SUPPORT BUILDINGS. EXTENSIVE DRIVER-TRAINING AREAS, A TROOP FIELD TRAINING AREA, AN AREA CONTAINING 3 FIRING RANGES FOR VEHICULAR-MOUNTED AUTOMATIC WEAPONS, A 1-3-LANE TANK FIRING RANGE WITH MOVING-TARGET FACILITIES, 1 CREW-SERVED AUTOMATIC WEAPONS FIRING RANGE WITH MOVING-TARGET FACILITIES, 1 TANK/ASSAULT GUN, SUB-CALIBER FIRING RANGE, 4 SMALL-ARMS FIRING RANGES, 6 VEHICLE STORAGE/MAINTENANCE BUILDINGS, AND 43 STORAGE/SUPPORT BUILDINGS ARE ALSO OBSERVED.

OB -- 7 PROBABLE TANKS, 12 POSSIBLE TANKS/ASSAULT GUNS, 88 CARGO TRUCKS, AND 60 VEHICLES/PIECES OF EQUIPMENT.

ULAN-UDE ARMY BARRACKS DIVIZIONNAYA AL 1 UR 5154N 10731E

OB -- 25 PROBABLE TANKS, 8 POSSIBLE FA PIECES, AND 50 VEHICLES/PIECES OF EQUIPMENT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

~~TOP SECRET~~

KH-7 MISSION 4036, 3-10 FEB 67

25X  
25X

KIHELKONNA STORAGE DEPOT SAAREMAA 1 UR 5820N 02205E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

GEOKCHAY MILITARY BARRACKS SOUTH AL 1 UR 4038N 04744E

SE EDGE OF GEOKCHAY.  
PROBABLE MILITARY INSTALLATION CONTAINS 5 SEPARATELY  
SECURED AREAS CONSISTING OF 1 BARRACKS AREA AND 4  
VEHICLE MAINTENANCE/STORAGE AREAS. THE BARRACKS AREA  
CONTAINS 8 MULTISTORY BARRACKS, 15 SMALLER  
BARRACKS/FAMILY HOUSING BUILDINGS, 1 ADMINISTRATION  
BUILDING, 13 SUPPORT BUILDINGS, AND A WATER TOWER. THE  
VEHICLE MAINTENANCE/STORAGE AREAS CONTAIN A TOTAL OF 3  
SMALL BARRACKS-TYPE BUILDINGS, 2 ADMINISTRATION  
BUILDINGS, 7 VEHICLE MAINTENANCE BUILDINGS, 6 VEHICLE  
STORAGE BUILDINGS, 1 LARGE HIGH-BAY HEAVY MAINTENANCE  
BUILDING, 1 LARGE FLAT-ROOFED BUILDING UNDER  
CONSTRUCTION, AND APPROXIMATELY 30 SUPPORT BUILDINGS.

OB -- 10 CARGO TRUCKS, 27 OTHER TRUCKS, 1 TRUCK-MOUNTED  
CRANE, 2 TRAILER TRUCKS WITH TRACTORS, AND 65 OTHER  
VEHICLES/PIECES OF EQUIPMENT.

~~TOP SECRET~~

25X

25X

## **Complexes**

KH-7 MISSION 4036, 3-10 FEB 67

COMPLEXES

CHIA-MU-SSU COMPLEX

CH 4649N 13022E

ACTIVE SMOKESTACKS IN SUGAR REFINERY, THERMAL POWERPLANTS, AND PAPER AND PULP PLANT INDICATE A MODERATE LEVEL OF INDUSTRIAL ACTIVITY.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

LU-TA COMPLEX

CH 3855N 12137E

SMOKE IS RISING FROM 2 THERMAL POWERPLANTS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

OMSK RR RPR AND TANK PLT VOROSHILOV 174 UR 5455N 07323E

A LARGE PROBABLE ASSEMBLY BUILDING IS UNDER CONSTRUCTION IN THE CENTER OF THE PLANT. MATERIAL IN OPEN STORAGE IS VISIBLE THROUGHOUT THE PLANT.

OB -- SW PORTION OF PLANT NEAR 2 STORAGE-TYPE BUILDINGS -- 10 POSSIBLE CANVAS-COVERED VEHICLES, PASS 11 POSSIBLE CANVAS-COVERED VEHICLES, AND PASS 14 POSSIBLE CANVAS-COVERED VEHICLES.

SOUTHERN AREA OF PLANT IN 2 SECURED AREAS NEAR A PRODUCTION BUILDING -- 20 POSSIBLE CANVAS-COVERED TANKS AND APPROXIMATELY 35 POSSIBLE VEHICLES/CRATES, 20 POSSIBLE CANVAS-COVERED TANKS AND APPROXIMATELY 20 POSSIBLE VEHICLES/CRATES, AND 10 POSSIBLE CANVAS-COVERED TANKS AND APPROXIMATELY 10 POSSIBLE VEHICLES/CRATES.

SOUTHERNMOST EDGE OF PLANT IN A SMALL, SEPARATELY SECURED SHIPPING HOLD AREA -- 34 POSSIBLE CANVAS-COVERED TANKS, AND 19 POSSIBLE CANVAS-COVERED TANKS.

RAIL YARD EAST OF PLANT -- 10 POSSIBLE CANVAS-COVERED TANKS ON RAIL CARS.

~~TOP SECRET~~

KH-7 MISSION 4036, 3-10 FEB 67

YURGA ARMAMENT PLANT 75

UR 5544N 08454E

FOOTINGS FOR A NEW BUILDING ARE VISIBLE IN THE NE  
PORTION OF THE PLANT.

SIXTY-NINE CARGO TRUCKS ARE DISCERNIBLE IN A SECURED  
AREA IN THE CENTER OF THE PLANT.

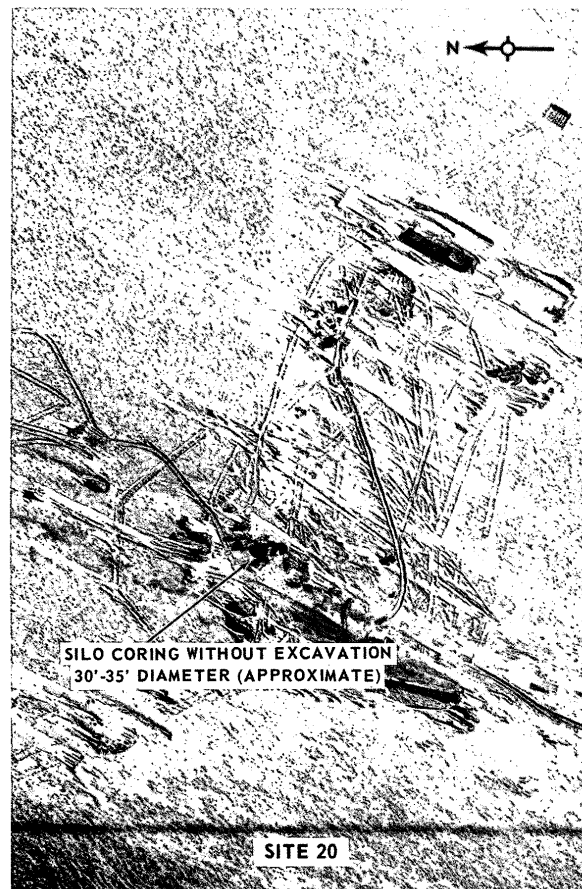
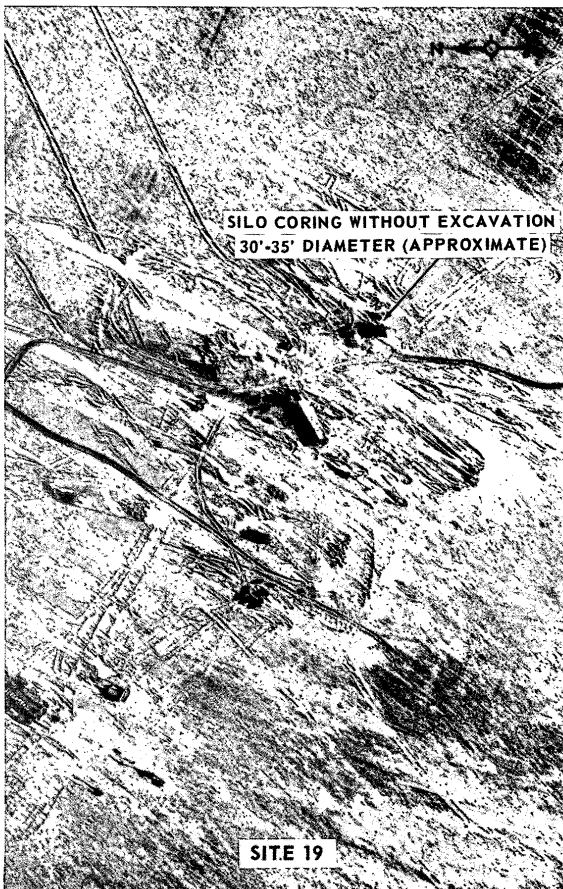
LENINGRAD ARM & TANK PLT BOLSHEVIK 232

UR 5952N 03028E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

~~TOP SECRET~~

## **Attachments**



NPIC L-2676 (2/67)

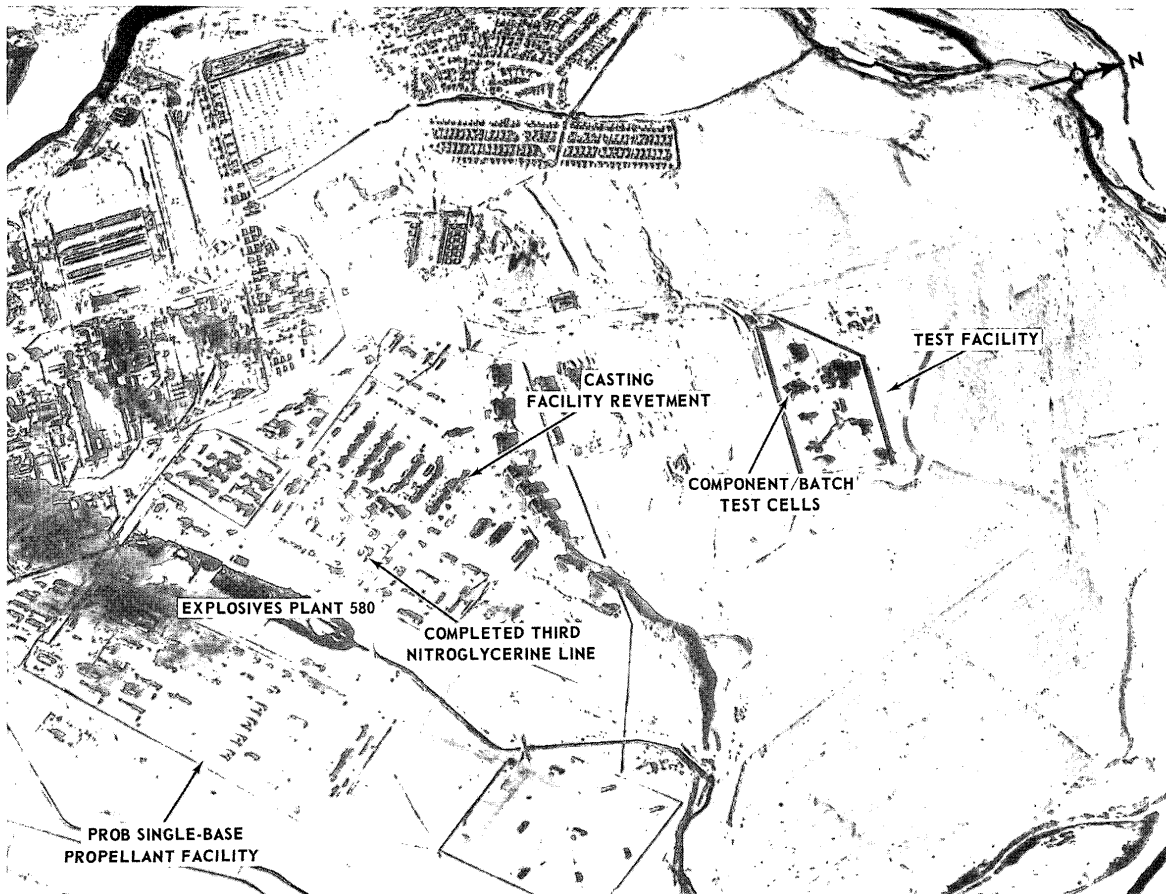
SITES 19 AND 20, ALEYSK ICBM COMPLEX, USSR

TOP SECRET

TOP SECRET

KH-7 MISSION 4036, 3-10 FEBRUARY 1967

ATTACHMENT 1



EXPLOSIVES AND PROPELLANTS PLANT 580, KRASNOYARSK, USSR

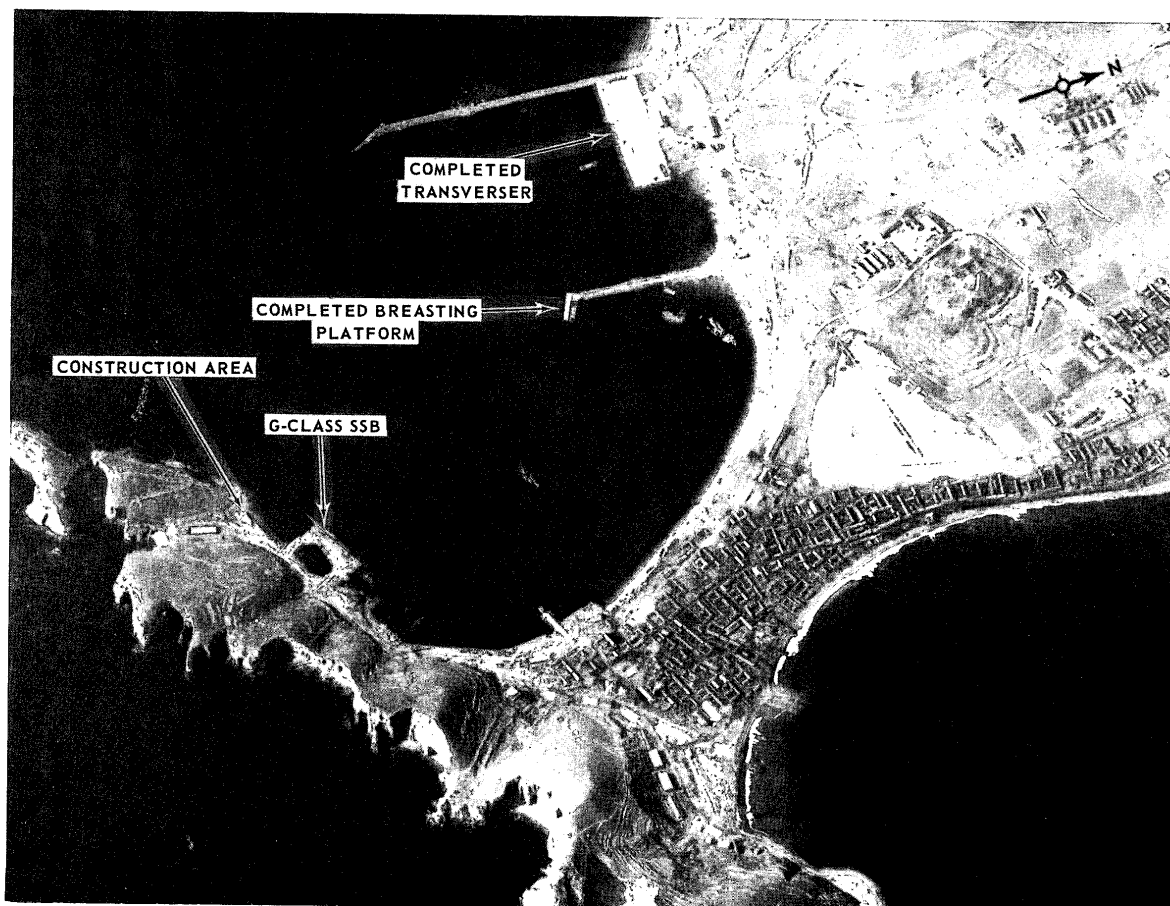
TOP SECRET

TOP SECRET

KH-7 MISSION 4036, 3-10 FEBRUARY 1967

ATTACHMENT 2

25X



NPIC L-2678 (2/67)

NAVAL BASE, HSIAO-PING TAO, CHINA

TOP SECRET

TOP SECRET

KH-7 MISSION 4036, 3:10 FEBRUARY 1967

ATTACHMENT 3

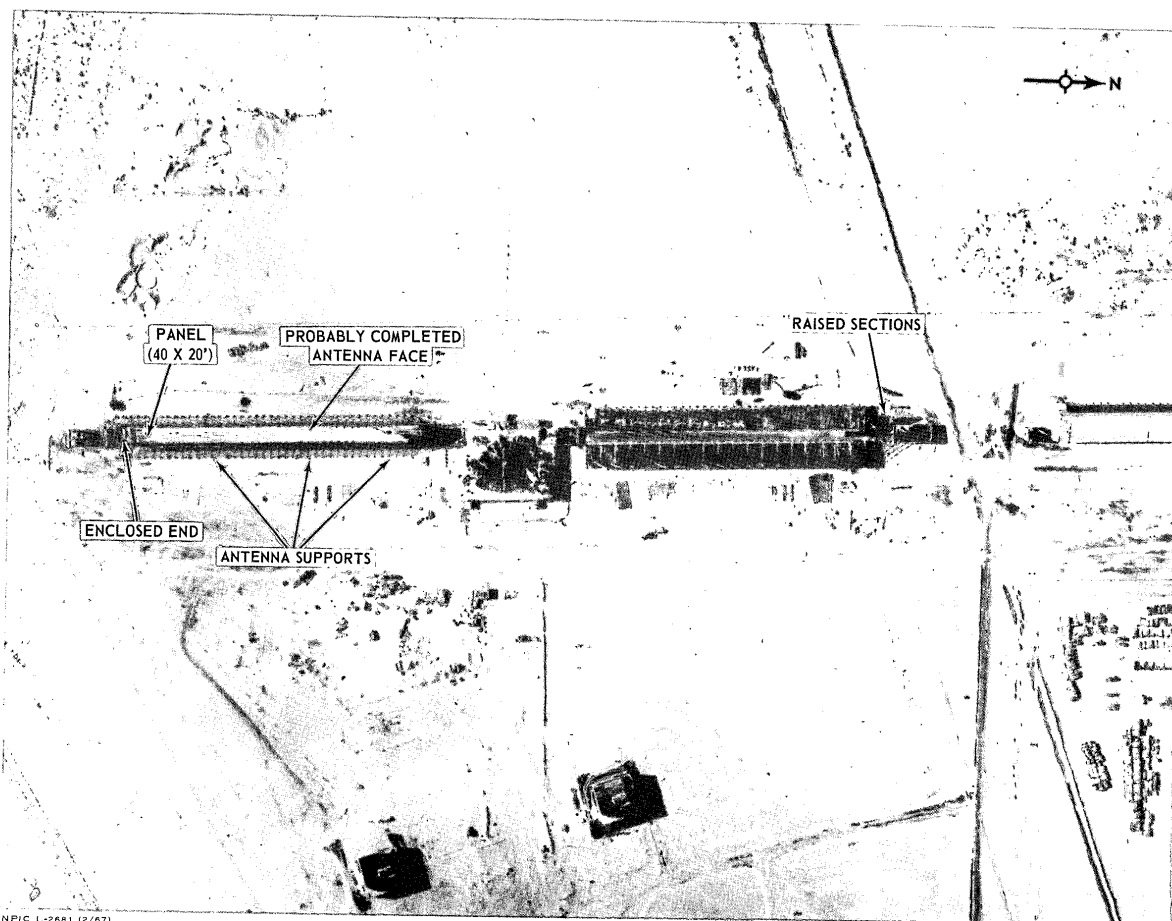
25X2

Approved For Release 2005/11/17 : CIA-RDP03-00140R000100010049-8

Next 1 Page(s) In Document Exempt

Approved For Release 2005/11/17 : CIA-RDP03-00140R000100010049-8

25X



DUAL HEN HOUSE B, SITE 13, SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR

TOP SECRET

TOP SECRET

KH-7 MISSION 4036, 3-10 FEBRUARY 1967

ATTACHMENT 6

**COUNTRY CODES**

The following is an alphabetic listing of country codes as compiled from the Bombing Encyclopedia. Locations of targets in this report are indicated by the country code preceding the coordinates.

|                             |                      |                             |
|-----------------------------|----------------------|-----------------------------|
| AD Aden                     | GO Gotland Is.       | PK Pakistan (West)          |
| AF Afghanistan              | GR Greece            | PO Poland                   |
| AG Algeria                  | GV Guinea            | PT Portugal                 |
| AL Albania                  | GW West Germany      | PU Portuguese Guinea        |
| AM Andaman and Nicobar Is.  | HK Hong Kong         | QA Qatar                    |
| AN Andorra                  | HU Hungary           | RA Rwanda                   |
| AO Angola                   | ID Indonesia         | RI Rio Muni                 |
| AU Austria                  | IF Ifni              | RK Ryukyu Is.               |
| AZ Azores Is.               | IL Iceland           | RM Mali                     |
| BA Bahrain Is.              | IN India             | RS Socotra Is.              |
| BK Botswana (Bechuanaland)  | IQ Iraq              | RU Rumania                  |
| BE Belgium                  | IR Iran              | RY Zambia                   |
| BH Bornholm Is.             | IS Israel            | RZ Rhodesia                 |
| BI Balearic Is.             | IT Italy             | SB San Marino               |
| BJ Nanpo Shoto              | IV Ivory Coast       | SD Sardinia                 |
| BM Burma                    | JA Japan             | SE Seychelles Is.           |
| BO Sabah (N. Borneo)        | JK Jammu and Kashmir | SF French Somaliland        |
| BS Lesotho (Basutoland)     | JO Jordan            | SG Sarawak                  |
| BT Bhutan                   | KE Kenya             | SI Sicily                   |
| BU Bulgaria                 | KN North Korea       | SJ Society Is.              |
| BW Berlin, West             | KS South Korea       | SK Senegal                  |
| BX Brunei                   | KU Kuwait            | SL Sierra Leone             |
| BY Burundi                  | LA Laos              | SM Somali Republic          |
| CA Canary Is.               | LC Laccadive Is.     | SP Spain                    |
| CB Cambodia                 | LE Lebanon           | SR Saudi Arabia             |
| CD Central African Republic | LI Liberia           | SS Spanish Sahara           |
| CE Ceylon                   | LS Liechtenstein     | ST Sao Tome E Principe      |
| CG Chad                     | LX Luxembourg        | SU Sudan                    |
| CH China                    | LY Libya             | SV Svalbard                 |
| CL Caroline Is.             | MA Malagasy Republic | SW Sweden                   |
| CM Cameroon                 | MC Macao             | SY Syria                    |
| CP Congo (Brazzaville)      | MD Madeira Is.       | SZ Switzerland              |
| CR Crete                    | MF Malaysia          | TA Tanzania                 |
| CT Corsica                  | MG Mongolia          | TC Trucial States           |
| CV Cape Verde Is.           | ML Malta             | TH Thailand                 |
| CX Congo (Leopoldville)     | MN Monaco            | TI Tibet                    |
| CY Cyprus                   | MO Morocco           | TK Turkey                   |
| CZ Czechoslovakia           | MR Mascarene Is.     | TM Portuguese Timor         |
| DA Dahomey                  | MT Mauritania        | TO Togo                     |
| DE Denmark                  | MV Maldives Is.      | TU Tunisia                  |
| DO Dodecanese Is.           | MZ Mozambique        | TW Taiwan                   |
| EG Egypt                    | NE Netherlands       | UA Republic of South Africa |
| EP Pakistan (East)          | NI Nigeria           | UG Uganda                   |
| ET Ethiopia                 | NK Niger             | UR USSR                     |
| FI Finland                  | NO Norway            | UV Upper Volta              |
| FO Faeroe Is.               | NP Nepal             | VN North Vietnam            |
| FR France                   | NS Surinam           | VS South Vietnam            |
| GA Gambia                   | NW New Guinea        | VT Vatican City             |
| GC Gabon                    | NY Malawi            | WA Swaziland                |
| GE East Germany             | NZ New Zealand       | YE Yemen                    |
| GH Ghana                    | OM Muscat Oman       | YU Yugoslavia               |
| GI Gibraltar                | PI Philippines       |                             |

**TOP SECRET**

**TOP SECRET**